

Recombinant Human IRF2 Protein, His-tagged

Cat. No. IRF2-377H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human IRF2(Met1~Cys349) fused with His tag at N-terminal was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1~Cys349 |
| Description | IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. |
| Form | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Molecular Mass | 43.0kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | > 90% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein |

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| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Reconstitution | Reconstitute in PBS or others |

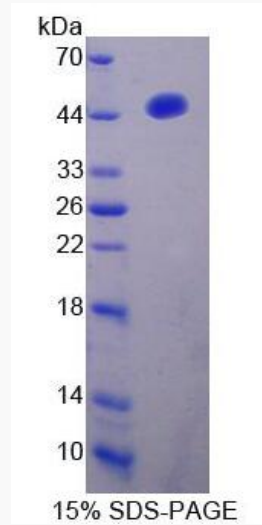
GENE INFORMATION

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|------------------------|-------------------------------------------------------------|
| Gene Name | IRF2 interferon regulatory factor 2 [Homo sapiens] |
| Official Symbol | IRF2 |
| Synonyms | IRF2; interferon regulatory factor 2; IRF-2; DKFZp686F0244; |
| Gene ID | 3660 |
| mRNA Refseq | NM_002199 |
| Protein Refseq | NP_002190 |
| MIM | 147576 |
| UniProt ID | P14316 |

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